

EMULSIFICATION OF ALKENYL SUCCINIC ANHYDRIDE SIZE

Abstract of the Disclosure

Alkenyl succinic anhydride (ASA) size emulsions are prepared using a grafted cationic acrylamide starch co-polymer as an emulsification agent. The ASA size emulsions of the present invention exhibit significantly greater stability compared to presently available ASA size emulsions. The grafted starch co-polymer also is a more efficient emulsification agent for ASA size, permitting the use of less emulsification agent, thereby saving cost.

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